



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:	)	Confirmation No.: 2839
Yoshiyuki KAWADA <i>et al.</i>	)	Group Art Unit: 2841
Application No.: 10/687,704	)	Examiner: Thanh S. Phan
Filed: October 20, 2003	)	Allowed: November 28, 2006
For: ELECTRONIC EQUIPMENT	)	

Commissioner for Patents  
**MAIL STOP ISSUE FEE**  
Washington, D.C. 20231  
Sir:

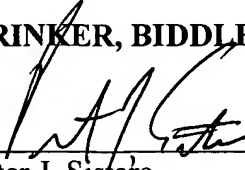
**REQUEST FOR ACKNOWLEDGEMENT OF INFORMATION**  
**DISCLOSURE STATEMENT PREVIOUSLY FILED UNDER 37 C.F.R. § 1.97(b)**

Applicants submitted an Information Disclosure Statement (IDS) in the U.S. Patent and Trademark Office on October 20, 2003 in the above-identified application. The Examiner returned the initialed Form PTO-1449 with the Office Action dated January 17, 2006. However, the three (3) foreign patent documents were not initialed by the Examiner. Applicants hereby submit that the relevance of three (3) foreign patent documents may be determined as indicated in the European Search Report dated May 9, 2003, submitted in the corresponding IDS in the parent to the instant application. A copy of the Information Disclosure Statement, Form PTO-1449, European Search Report and the PTO date-stamped postcard receipt are enclosed for the Examiner's convenience.

Please send an initialized copy evidencing consideration of all foreign listed documents, preferably by facsimile, and if any citation is lined through, please be sure to explain why per MPEP 609. Thank you.

Respectfully submitted,

**DRINKER, BIDDLE & REATH LLP**

  
\_\_\_\_\_  
Peter J. Sistiare  
Reg. No. 48,183

Dated: December 29, 2006

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**PLEASE STAMP AND RETURN TO SHOW RECEIPT OF:**

New DIVISIONAL Patent Application of: Yoshiyuki KAWADA et al.

Prior Application No.: 10/083,648

Prior Group Art Unit: 2841

Prior Date Filed: February 27, 2002

Prior Examiner: T. PHAN

Date Filed: October 20, 2003

For ELECTRONIC EQUIPMENT

**MAIL STOP PATENT APPLICATION**

1. Divisional Patent Application Transmittal Under 37 C.F.R. §1.53(b)
2. Specification of 29 pages
3. Drawings: 10 sheets; 23 total figures
4. Copy of Original Declaration and Power of Attorney
5. Information Disclosure Statement
6. Form PTO-1449, without cited references

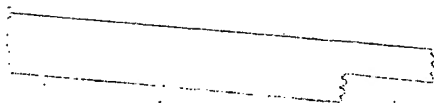
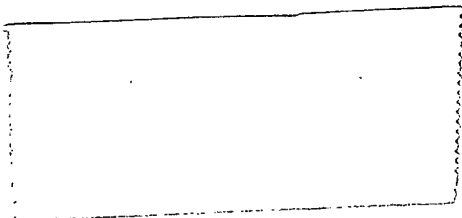


Authorization is hereby given to charge Deposit Account No. 50-0310 in the amount of \$770.00 for the application fee.

Dated: October 20, 2003

Attorney Docket No.: 041465-5141-01

RJG2/tlp



**DOCKETED**  
By SAW Date 10-21-03



PATENT  
ATTORNEY DOCKET NO.: 041465-5141-01  
Divisional of prior Application No. 10/083,648

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Yoshiyuki KAWADA et al.	)	
	)	
New Divisional Application of	)	Group Art Unit: Unassigned
Pending Application No. 10/083,648	)	
filed February 27, 2002	)	
	)	Examiner: Unassigned
Filed: October 20, 2003	)	
	)	
For: ELECTRONIC EQUIPMENT	)	

Commissioner for Patents  
U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO Form 1449. This Information Disclosure Statement is being filed concurrently with the instant divisional application. Accordingly, no fee is due for filing this paper.

The listed documents were previously cited in the copending parent Application No. 10/083,648, filed on February 27, 2002, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. Accordingly, pursuant to 37 C.F.R. § 1.98(d), a copy of each reference is not provided.

Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached PTO Form 1449.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents is material or constitutes "Prior Art." If it should be determined that any of the listed documents do not constitute "Prior Art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to Deposit Account 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

Dated: October 20, 2003

By: 

Robert J. Goodell

Reg. No. 41,040

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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

PTO Form 1449

PAGE 1 of 1

Attorney Docket No.  
041465-5141-01

Application No. : Unassigned  
Divisional of Application No.  
10/083,648

Applicants: Yoshiyuki KAWADA, et al.

Filing Date: October 20, 2003

Group Art Unit: To Be Assigned

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	5,657,081	Aug. 1997	Kurahashi, Sunao	348	233	
	6,343,018	Jan. 2002	Takeyama et al.	361	737	
	4,763,300	Aug. 1988	Yukawa, Masayuki	273	148B	
	4,986,618	Jan. 1991	Wakatsuki, Hiroshi	312	276	
	5,961,338	Oct. 1999	Wu et al	439	326	
	5,781,232	July. 1998	Ejima, Satoshi	312	276	

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation YES NO	
EP 1 048 527 A1	Nov. 2, 2000	Europe				X
EP 0 902 548 A2	March 17, 1999	Europe				X
DE 195 35 678 A1	March 27, 1997	Germany				X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

Examiner:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Europäisches  
Patentamt

Zweigstelle  
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abteilung

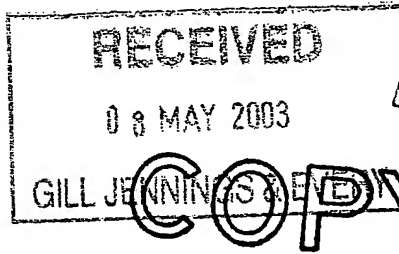
European  
Patent Office

Branch at  
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Datum/Date

09.05.03

Zeichen/Ref./Réf.

SAH02159EP

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

02251338.6-2411-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Pioneer Corporation

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: NONE

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 902 548 A (BOSCH GMBH ROBERT) 17 March 1999 (1999-03-17)	1,7-11	B60R11/02 G06K7/00
Y	* paragraph '0017! - paragraph '0019!; figures 1,5 *	2-6	G11B20/10 G06F1/00 H04B1/08
Y	DE 195 35 678 A (BOSCH GMBH ROBERT) 27 March 1997 (1997-03-27) * column 4, line 46 - line 51; figures 1-4 *	2-6	
A	EP 1 048 527 A (MANNESMANN VDO AG) 2 November 2000 (2000-11-02) * paragraph '0005! - paragraph '0025! *	1-10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G06F B60R H04B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 2 May 2003	Examiner Marques, G
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 25 1338

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-05-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0902548	A	17-03-1999	DE	19739636 A1	11-03-1999
			EP	0902548 A2	17-03-1999
			JP	11168396 A	22-06-1999
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			DE	19936712 A1	16-11-2000
			EP	1048526 A1	02-11-2000
			EP	1048527 A1	02-11-2000
			US	6407467 B1	18-06-2002
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